

ABSTRACT OF THE DISCLOSURE

A molding die for molding glass thousand times is provided in the invention. The molding die includes a substrate, a first intermediate layer of Ni-containing Ir-Re alloy overlying the substrate, a second intermediate layer of metal-containing Ir-Re alloy overlying the first intermediate layer, and a passivation film overlying the second intermediate layer. The Ni concentration of the first intermediate layer decreases gradually with distance from the substrate/first intermediate layer interface. The metal is Cr, Ta, Ti, or Ti-Cr alloy. The metal concentration of the second intermediate layer increases with distance from the first intermediate layer/second intermediate layer interface.